

OIPE

RAW SEQUENCE LISTING

DATE: 10/30/2001

PATENT APPLICATION: US/09/975,063

TIME: 15:36:47

Input Set : A:\500582.03 Seq List 101001.txt

Output Set: N:\CRF3\10302001\I975063.raw

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: POWELL, Jerry S.

8 (ii) TITLE OF INVENTION: HUMAN ERYTHROPOIETIN GENE: HIGH LEVEL
9 EXPRESSION IN STABLY TRANSFECTED MAMMALIAN CELLS

11 (iii) NUMBER OF SEQUENCES: 6

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Dorsey & Whitney, LLP

15 (B) STREET: Suite 3400, 1420 Fifth Avenue, U.S. Bank Centre

16 (C) CITY: Seattle

17 (D) STATE: Washington

18 (E) COUNTRY: USA

19 (F) ZIP: 98101

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Floppy disk

23 (B) COMPUTER: IBM PC compatible

24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

25 (D) SOFTWARE: WordPerfect 6/7/8

27 (vi) CURRENT APPLICATION DATA:

C--> 32 (A) APPLICATION NUMBER: US/09/975,063

C--> 33 (B) FILING DATE: 10-Oct-2001

35 (viii) ATTORNEY/AGENT INFORMATION:

36 (A) NAME: Roberts, Mark W..

37 (B) REGISTRATION NUMBER: 46,160

38 (C) REFERENCE/DOCKET NUMBER: 500582.03 (112893.109)

40 (ix) TELECOMMUNICATION INFORMATION:

41 (A) TELEPHONE: 206-903-8728

42 (B) TELEFAX: 206-903-8820

ERRORED SEQUENCES

45 (2) INFORMATION FOR SEQ ID NO: 1:

47 (i) SEQUENCE CHARACTERISTICS:

48 (A) LENGTH: 2426 base pairs

49 (B) TYPE: nucleic acid

50 (C) STRANDEDNESS: single

51 (D) TOPOLOGY: linear

53 (ii) MOLECULE TYPE: DNA (genomic)

58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

E--> 60 CCCGGTGTGG TCACCCGGCG CGCCCCAGGT CGCTGAGGGA CCCCGGCCAG

61 GCGCGGAGAT 60

E--> 63 GGGGGTGCAC GGTGAGTACT CGCGGGCTGG GCGCTCCCGC CCGCCCGGGT

64 CCCTGTTTGA 120

E--> 66 GCGGGGATTT AGCGCCCCGG CTATTGGCCA GGAGGTGGCT GGGTTCAAGG

67 ACCGGCGACT 180

E--> 69 TGTCAAGGAC CCCGGAAGGG GGAGGGGGGT GGGGCAGCCT CCACGTGCCA

60
↓
format error

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70 GCGGGGACTT 240
E--> 72 GGGGGAGTCC TTGGGGATGG CAAAAACCTG ACCTGTGAAG GGGACACAGT
73 TTGGGGGTTG 300
E--> 75 AGGGGAAGAA GGTTTGGGGG GTTCTGCTGT GCCAGTGGAG AGGAAGCTGA
76 TAAGCTGATA 360
E--> 78 ACCTGGGCGC TGGAGCCACC ACTTATCTGC CAGAGGGGAA GCCTCTGTCA
79 CACCAGGATT 420
E--> 81 GAAGTTTGGC CGGAGAAGTG GATGCTGGTA GCCTGGGGGT GGGGTGTGCA
82 CACGGCAGCA 480
E--> 84 GGATTGAATG AAGGCCAGGG AGGCAGCACC TGAGTGCTTG CATGGTTGGG
85 GACAGGAAGG 540
E--> 87 ACGAGCTGGG GCAGAGACGT GGGGATGAAG GAAGCTGTCC TTCCACAGCC
88 ACCCTTCTCC 600
E--> 90 CTCCCCGCCT GACTCTCAGC CTGGCTATCT GTTCTAGAAT GTCCTGCCTG
91 GCTGTGGCTT 660
E--> 93 CTCCTGTCCC TGCTGTCGCT CCCTCTGGG C TCCAGTCC TGGGCGCCCC
94 ACCACGCCTC 720
E--> 96 ATCTGTGACA GCCGAGTCCT GCAGAGGTAC CTCTTGAGG CCAAGAAGGC
97 CGAGAATATC 780
E--> 99 ACGGTGAGAC CCCTTCCCCA GCACATTCCA CAGAACTCAC GCTCAGGGCT
100 TCAGGGAAC T 840
E--> 102 CCTCCCAGAT CCAGGAACCT GGCAC TTGGT TTGGGGTGGA GTTGGGAAGC
103 TAGACACTGC 900
E--> 105 CCCCTACAT AAGAATAAGT CTGGTGGCCC CAAACCATAC CTGGAAACTA
106 GGCAAGGAGC 960
E--> 108 AAAGCCAGCA GATCCTACGC CTGTGGCCAG GGCCAGAGCC TTCAGGGACC
109 CTTGACTCCC 1020
E--> 111 CGGGCTGTGT GCATTTCAGA CGGGCTGTGC TGAACACTGC AGCTTGAATG
112 AGAATATCAC 1080
E--> 114 TGTCCCAGAC ACCAAAGTTA ATTTCTATGC CTGGAAGAGG ATGGAGGTGA
115 GTTCCTTTTT 1140
E--> 117 TTTTTTTTTT CCTTCTTTT GGAGAATCTC ATTTGCGAGC CTGATTTTGG
118 ATGAAAGGGA 1200
E--> 120 GAATGATCGA GGGAAAGGTA AAATGGAGCA GCAGAGATGA GGCTGCCTGG
121 GCGCAGAGGC 1260
E--> 123 TCACGTCTAT AATCCCAGGC TGAGATGGCC GAGATGGGAG AATTGCTTGA
124 GCCCCGGAGT 1320
E--> 126 TTCAGACCAA CCTAGGCAGC ATAGTGAGAT CCCCCATCTC TACAAACATT
127 TAAAAAATT 1380
E--> 129 AGTCAGGTGA AGTGGTGCAT GGTGGTAGTC CCAGATATTT GGAAGGCTGA
130 GGCGGGAGGA 1440
E--> 132 TCGCTGGAGC CCAGGAATTT GAGGCTGCAG TGAGCTGTGA TCACACCACT
133 GAACTCCAGC 1500
E--> 135 CTCAGTGACA GAGTGAGGCC CTGTCTCAAA AAAGAAAAGA AAAAAGAAAA
136 ATAATGAGGG 1560
E--> 138 CTGTATGGAA TACGTTTATT ATTCATTCAC TCACTCACTC ACTCATTCAT
139 TCATTTCATC 1620
E--> 141 ATTCAACAAG TCTTATTGCA TACCTTCTGT TTGCTCAGCT TGGTGCTTGG
142 GGCTGCTGAG 1680

*same
err*

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E--> 144 GGGCAGGAGG GAGAGGGTGA CATCCCTCAG CTGACTCCCA GAGTCCACTC
145 CCTGTAGGTC 1740
E--> 147 GGGCAGCAGG CCGTAGAAGT CTGGCAGGGC CTGGCCCTGC TGTCGGAAGC
148 TGTCCTGCGG 1800
E--> 150 GGCCAGGCC TGTGGTGAA CTCTTCCCAG CCGTGGGAGC CCCTGCAGCT
151 GCATGTGGAT 1860
E--> 153 AAAGCCGTCA GTGGCCTTCG CAGCCTCACC ACTCTGCTTC GGGCTCTGGG
154 AGCCCAGGTG 1920
E--> 156 AGTAGGAGCG GACACTTCTG CTTGCCCTTT CTGTAAGAAG GGGAGAAGGG
157 TCTTGCTAAG 1980
E--> 159 GAGTACAGGA ACTGTCCGTA TTCCTTCCCT TTCTGTGGCA CTGCAGCGAC
160 CTCCTGTTC 2040
E--> 162 CTCCTTGGCA GAAGGAAGCC ATCTCCCCTC CAGATGCGGC CTCAGCTGCT
163 CCACTCCGAA 2100
E--> 165 CAATCACTGC TGACACTTTC CGCAAACCTCT TCCGAGTCTA CTCCAATTTC
166 CTCCGGGGAA 2160
E--> 168 AGCTGAAGCT GTACACAGGG GAGGCCTGCA GGACAGGGGA CAGATGACCA
169 GGTGTGTCCA 2220
E--> 171 CCTGGGCATA TCCACCACCT CCCTCACCAA CATTGCTTGT GCCACACCCT
172 CCCCCGCCAC 2280
E--> 174 TCCTGAACCC CGTCGAGGGG CTCTCAGCTC AGCGCCAGCC TGTCCCATGG
175 AACTCCAGT 2340
E--> 177 GCCACCAATG ACATCTCAGG GGCCAGAGGA ACTGTCCAGA GAGCAACTCT
178 GAGATCTAAG 2400
180 GATGTCACAG GGCCAACTTG AGGGCC

2426

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/975,063

DATE: 10/30/2001

TIME: 15:36:48

Input Set : A:\500582.03 Seq List 101001.txt

Output Set: N:\CRF3\10302001\I975063.raw

L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:60 M:254 E: No. of Bases conflict, Input:0 Counted:50 SEQ:1
M:254 Repeated in SeqNo=1
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2